



2000 Toxics Release Inventory

NORTH CAROLINA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	51,205,279	94,901,930	146,107,209
Air Emissions	40,311,864	85,349,122	125,660,985
Surface Water Discharges	9,037,887	127,482	9,165,369
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	273,193	0	273,193
Other On-site Land Releases	1,582,335	9,425,327	11,007,661
Off-site Releases (Transfers Off-site to Disposal)*	10,725,142	447,459	11,172,601
Total On- and Off-site Releases	61,930,420	95,349,390	157,279,810
Recycled On-site	285,799,635	111	285,799,746
Recycled Off-site	79,860,861	776,126	80,636,986
Energy Recovery On-site	19,200,248	52	19,200,300
Energy Recovery Off-site	9,426,660	485,640	9,912,300
Treated On-site	237,964,821	3,206,401	241,171,222
Treated Off-site**	6,984,042	2,210,761	9,194,803
Quantity Released On- and Off-site***	60,498,002	95,443,199	155,941,201
Total Production-related Waste Managed	699,734,269	102,122,289	801,856,558
Non-production-related Waste Managed	36,652	3,350	40,002

Transfers Off-site for Further Waste Management/Disposal

Recycling	74,859,316	776,586	75,635,902
Energy Recovery	8,482,461	484,806	8,967,267
Treatment	4,375,027	2,205,502	6,580,529
Publicly Owned Treatment Works (POTWs)	3,421,628	41,515	3,463,143
Metals and Metal Compounds*	146,682	15	146,697
Non-metal TRI Chemicals**	3,274,946	41,500	3,316,446
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	10,938,350	538,647	11,476,997
Total Transfers Off-site for Further Waste Management/Disposal	102,076,783	4,047,056	106,123,838

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

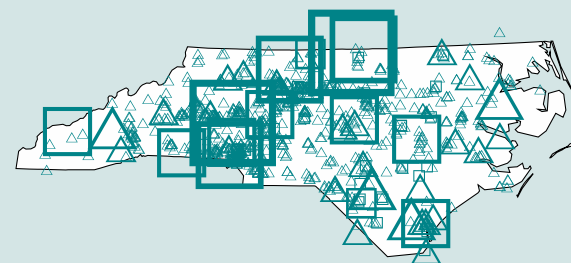
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 New Industry
 Original Industry

The largest marker in the state map represents the largest facility for on-site releases in the state of North Carolina. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	8,077,367
Square Miles	48,718
Total Facilities	863
Total Forms	2,933
Form As	550

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	12	7	10
Pounds	61,930,420	95,349,390	157,279,810
National Rank for Total On-site Releases**			
Rank	14	7	10
Pounds	51,205,279	94,901,930	146,107,209
National Rank for Total Releases within State***			
Rank	14	7	13
Pounds	59,302,932	95,079,236	154,382,169
National Rank for Production-related Waste Managed			
Rank	9	16	12
Pounds	699,734,269	102,122,289	801,856,558

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2000 Toxics Release Inventory

NORTH CAROLINA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	79,832,737	5	0	0	597,490	80,430,232	0	0	597,490
67-56-1	Methanol	10,158,061	93,434	0	14,102	37,210	10,302,807	421	32,140	5,070
—	Nitrate compounds	17	7,913,444	0	55,770	5,341	7,974,572	2,240	0	5,341
7664-39-3	Hydrogen fluoride	5,443,389	5	0	0	0	5,443,394	3,152	0	0
—	Barium compounds	42,547	56,528	0	4,218,768	435,907	4,753,750	114,295	279,043	167,864

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	75,697.14	139.61	0.00	31,814.20	7,700.72	115,351.67	133.00	7,618.82	81.90
—	Mercury compounds	3,138.71	21.46	0.00	1,407.80	384.40	4,952.37	48.60	319.50	68.00
191-24-2	Benzo(g,h,i)perylene	626.84	16.40	0.00	246.30	65.73	955.28	0.00	59.03	6.70
7439-97-6	Mercury	396.43	1.60	0.00	417.40	22.00	837.43	0.10	0.00	22.00
1336-36-3	Polychlorinated biphenyls (PCBs)	731.00	0.00	0.00	0.00	0.00	731.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.15	0.01	0.00	0.01	1.35	1.51	0.00	1.35	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>68.974</i>	<i>3.462</i>	<i>0.000</i>	<i>2.665</i>	<i>610.993</i>	<i>686.093</i>	<i>0.000</i>	<i>610.827</i>	<i>0.166</i>
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

NORTH CAROLINA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
CP&L Roxboro Steam Electric Plant, Semora, Person	19,247,325	7,797	0	0	0	1,933,053	21,188,175	119	0
Duke Energy Marshall Steam Station, Terrell, Catawba	14,580,195	24,251	0	0	0	1,940,320	16,544,766	62	0
Duke Energy Belews Creek Steam Station, Belews Creek, Stokes	11,399,720	7,106	0	0	0	708,184	12,115,010	115	0
CP&L Mayo Electric Generating Plant, Roxboro, Person	9,360,057	7,858	0	0	0	823,096	10,191,011	38,753	0
Duke Energy Plant Allen, Belmont, Gaston	5,993,780	23,523	0	0	0	1,080,160	7,097,463	0	50
Smithfield Packing Co. Inc. Tar Heel Div., Tar Heel, Bladen	32,665	5,129,795	0	0	0	0	5,162,460	0	0
CP&L V. Sutton Plant, Wilmington, New Hanover	4,425,310	2,784	0	0	0	477,090	4,905,183	0	0
Duke Energy Cliffside Steam Station, Mooresboro, Rutherford	4,328,650	27,902	0	0	0	499,110	4,855,662	50	0
International Paper, Riegelwood, Columbus	3,065,593	289,484	0	0	264,734	0	3,619,811	0	0
Cape Fear Steam Electric Plant, Moncure, Chatham	2,847,997	212	0	0	0	282,071	3,130,280	0	0

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
CP&L Asheville Plant, Arden, Buncombe	191.00	0.70	0.00	0.00	0.00	32,010.00	32,201.70	0.00	0.00
Campbell Soup Supply Co., Maxton, Robeson	22,944.00	0.00	0.00	0.00	0.00	0.00	22,944.00	0.00	0.00
Arteva Specialties (dba Kosa - Salisbury Plant), Salisbury, Rowan	20,437.00	0.00	0.00	0.00	0.00	0.00	20,437.00	0.00	7.00
Wayne Farms L.L.C./Dobson, Dobson, Surry	9,089.00	0.00	0.00	0.00	0.00	0.00	9,089.00	0.00	0.00
Springs Ind. Aileen Plant, Biscoe, Montgomery	5,782.30	0.00	0.00	0.00	0.00	0.00	5,782.30	0.00	0.00
Springs Ind. Springfield Plant, Laurel Hill, Scotland	3,393.71	0.00	0.00	0.00	0.00	0.00	3,393.71	0.00	0.00
SGL Carbon L.L.C., Morganton, Burke	2,720.00	0.00	0.00	0.00	0.00	0.00	2,720.00	0.00	0.00
Clariant Corp., Charlotte, Mecklenburg	2,557.00	0.00	0.00	0.00	0.00	0.00	2,557.00	0.00	0.00
Dean Pickle & Specialty Prods., Faison, Duplin	2,526.00	0.00	0.00	0.00	0.00	0.00	2,526.00	0.00	0.00
Celanese Acetate L.L.C. Dreyfus Research Park, Charlotte, Mecklenburg	1,651.00	0.00	0.00	0.00	0.00	0.00	1,651.00	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



2000 Toxics Release Inventory

NORTH CAROLINA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
CP&L Roxboro Steam Electric Plant, Semora, Person	0	0	1	0	0	0	21,173,836	21,173,837	107
Duke Energy Marshall Steam Station, Terrell, Catawba	0	0	0	0	60,000	0	16,547,670	16,607,670	0
Duke Energy Belews Creek Steam Station, Belews Creek, Stokes	0	0	0	0	156,000	0	12,114,090	12,270,090	0
CP&L Mayo Electric Generating Plant, Roxboro, Person	0	0	1	0	0	0	10,218,472	10,218,473	0
Duke Energy Plant Allen, Belmont, Gaston	0	0	0	0	40,000	0	7,099,410	7,139,410	0
Smithfield Packing Co. Inc. Tar Heel Div., Tar Heel, Bladen	0	0	0	0	2,536,314	0	5,162,460	7,698,774	0
CP&L V. Sutton Plant, Wilmington, New Hanover	0	0	0	0	0	0	4,903,284	4,903,284	0
Duke Energy Cliffside Steam Station, Mooresboro, Rutherford	0	0	0	0	42,000	0	4,858,490	4,900,490	0
International Paper, Riegelwood, Columbus	0	0	0	0	19,354,940	0	3,619,813	22,974,753	0
Blue Ridge Paper Prods. Inc., Canton, Haywood	0	0	10,261,697	0	5,190,102	0	3,154,368	18,606,167	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Campbell Soup Supply Co., Maxton, Robeson	0	0	0	0	0	0	22,944	22,944	0
Arteva Specialties (dba Kosa - Salisbur Plant), Salisbury, Rowan	0	0	0	0	0	0	20,444	20,444	0
Wayne Farms L.L.C./Dobson, Dobson, Surry	0	0	0	0	0	0	9,089	9,089	0
Michelin Aircraft Tire Corp., Norwood, Stanly	8,700	6,200	0	0	0	0	7,100	22,000	0
Springs Ind. Aileen Plant, Biscoe, Montgomery	0	0	0	0	0	0	5,782	5,782	0
Springs Ind. Springfield Plant, Laurel Hill, Scotland	0	0	0	0	0	0	3,394	3,394	0
SGL Carbon L.L.C., Morganton, Burke	0	0	0	0	464,000	0	2,720	466,720	0
Clariant Corp., Charlotte, Mecklenburg	0	0	0	0	0	0	2,557	2,557	0
Dean Pickle & Specialty Prods., Faison, Duplin	0	0	0	0	0	0	2,526	2,526	0
Celanese Acetate L.L.C. Dreyfus Research Park, Charlotte, Mecklenburg	0	0	0	0	0	0	1,651	1,651	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.